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THE MORPHOLOGY OF THE SYMPHYSIS PUBIS
[1963] [20]p. 18 refs. FASEB manuscript no. S75-3.
Order from OTS or SLA \$1.60 63-23863
figs available from OTS on loan

Trans. of Arkhiv Anatomii, Gistologii i Embriologii
(USSR) 1962, v. 43, no. 11, p. 68-76.

DESCRIPTORS: Morphology, *Bone, *Anatomy,
*Joints (Physiology).

The symphysis pubis exhibits highly original features including sexual features and individual differences. In children and the majority of males the symphysis pubis is most frequently a jointless fusion to which the term symphysis is properly applied. The appearance of a fissure in the centre of the fibrocartilage provides some mobility and converts it into a hemiarthrosis which is no longer a junction but not yet a full joint. (Biological Sciences--Anatomy, TT, v. 10, no. 11)
(over)

- I. Title: Symphysis pubis
- I. Alzenberg, M. F.
- II. FASEB S-75-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
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D. G. Kubyai, P. D. Yatel', V. D. Mel'nichenko.

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Tr No 231

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AF Cambridge Res Center

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SYSTEM OF ONCE-THROUGH BOILERS WITH RE-
SPECT TO THE "HEAT-WATER" CYCLE. [1963]
[17p] Srefs C. E. Trans. 2610.
Order from OTS or SLA \$1.60 63-24078

Trans. of Energomashinostroenie (USSR) 1961, v. 7,
no. 11, p. 5-9.

DESCRIPTORS: *Boilers, *Feed water, Control
systems, Pressure, Steam, Damping, Dynamics.

Factors are considered which determine the stability
of the feed control system of a once-through boiler with
respect to the "heat-water" ratio. A method of increas-
ing the damping of the system is developed based on
introducing an additional impulse into the feed regulator
to denote the temperature of the medium at one or more
points in the steam delivery line preceding the first
desuperheater. (Author)

I. Alzenshtat, I. I.
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(Gt. Brit.)

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v. 10, no. 12)

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RATING EQUIPMENT. [1961] [12]p. 5 refs. C. E.
Trans. 1831; [DSIR LLU] M. 3251.
Order from OTS or SLA \$1.60

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p. 19-24.

DESCRIPTORS: *Boilers, *Control systems, Tests,
Automatic.

Positive results of the continuous testing of an auto-
matic control system of the 67-2SP boiler for over a
year enable us to conclude that this system is reliable
and afford sufficiently good control of once-through
boilers with scrubbing and separating equipment both in
the case of internal and external agitation and also of
units comprising 2 boilers and a turbine. (Author)
(Engineering--Mechanical, TT, v. 6, no. 9)

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1964, pp 20-24.
SLA TT-66-10577

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Properties of Lapsan of Different Molecular
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Fibers, by E. M. Aizenshtein. 16 p.
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Petukhov.

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Theory, Design, Stability, Computers, Construction,
Model tests, Linear systems, Oscillator circuits.

(Engineering--Electronic, TT, v. 6, no. 11)

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DESCRIPTORS: *Nonlinear systems, Control systems,
Automatic, *Stability, Deflections, Functions, Equa-
tions, *Differential equations, Linear systems.

A problem is proposed about the stability of a set of
differential equations which has significance to the
theory of automatic control systems. An assertion is
made, based on a linear analogy to a nonlinear system.
(Author)

A247418

(Mathematics, TT, v. 10,
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II. Hydrogenation of Chloroprene Oxide, by M. A.
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The Study of Sediment Movement in Rivers and
Seas With the Help of Luminescent Dyes and
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P47.) pp 254-260.

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by Eiichi Ajioka, Soshiniko Yoshida.
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SA Code P-352

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Partial trans. (p. 184-191) of [Turin U]. Fac[oltà di]
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DESCRIPTORS: *Arteries, Blood circulation, *Blood
pressure, Measurement, Fluid flow, *Veterinary
medicine.

(Agriculture--Animal Husbandry, TT, v. 7, no. 9)

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15 Apr 53, appl. 18 Sep 51, application Showa 26-12, 184
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DESCRIPTORS: Production, *Glutamine, Synthesis
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Hydrazines, Optical properties, *Methyl radicals,
Crystallization, *Biochemistry.

(Chemistry--Organic, TT, v. 10, no. 4)

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DESCRIPTORS: *Tobacco, Plants (Botany), Acceptability.

(Agriculture--Plant Cultivation, TT, v. 10, no. 12)

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